

NEVSKIY, S.N.; PLATONOV, A.I.; PUSHKIN, M.K., redaktor; DENISOVA, O.P.,
tekhnicheskiy redaktor.

[Financial calculations] Finansovye vychisleniya. Moskva, Gos-
finizdat, 1946. 96 p. (MLRA 8:8)
(Arithmetic, Commercial)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200034-6

PLATONOV, ALEXANDR IL'ICH

K/5

755.4

P7

Vzaimodeystviye Protokolov na Gortirovichnykh Stantsiyakh (Interaction of the Interim at
Marshallling Stations) Moskva, Transportizdat, 1955.

223 P. Diags., Tables.

Bibliography: P. 220-221

PLATONOV, A. I.

AFANAS'YEV, L.L., kandidat tekhnicheskikh nauk; GALKIN, A.S., inzhener,
retsenzent; PLATONOV, A.I., inzhener, retsenzent; SHENKIE, A.M.,
kandidat tekhnicheskikh nauk, redaktor.

[Organization of automobile transportation] Organizatsiya avtomo-
bil'nykh perevozok. Moskva, Gos. nauchno-tekhn. izd-vo mashino-
stroit. i sudaostroit. lit-ry, 1953. 339 p. (MLRA 7:7)
(Transportation, Automotive)

PLATONOV, A.F.

Role of a vagosympathetic blockade in acute cholecystitis.
Sov. med. 24 no. 10:64-67 O '60. (MIRA 13:12)

1. Iz kafedry fakul'tetskoy khirurgii (zav. - prof. V.I. Akimov) pediatricheskogo i sanitarno-gigiyenicheskogo fakul'tetov L'vovskogo meditsinskogo instituta i 5-y gerodskoy klinicheskoy bol'nitsy (glavnnyy vrach I.I. Khoma).
(GALL BLADDER--DISEASES) (LOCAL ANESTHESIA)

Platonov, A. F.

R/b
f/f4
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2-2

Spravochnik Gornogo Mastera /Handbook for the mining expert, by V. Ye. Lopushanskiy i Vladimir Yefimovich Lopus'anskiy. Izd. 2. perer. 1. dop. Moscow. Metallurgizdat, 1957.

115 p. illus., diagrs., tables.
"Literatura": p. 40-409

PLATONOV A.F.

LOPUSHANSKIY, Vladimir Yefimovich; PLATONOV, Aleksandr Fedorovich;
BOLOTOV, B.N., otvetstvennyy redaktor; LIBERMAN, S.S., redaktor
izdatel'stva; ANDREYEV, S.P., tekhnicheskiy redaktor.

[Mine foreman's manual] Spravochnik gornogo mastera. Izd.2-oe,
perer.i dop. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi
i tsvetnoi metallurgii, 1957. 415 p. (MIRA 10:11)
(Mining engineering)

PLATONOV, A.F.

Importance of vagosympathetic block in the diagnosis of acute cholecystitis. Kaz.med.zhur. 40 no.1:38-41 Ja-F '59.

(MIRA 12:10)

1. Iz kafedry fakul'tetskoy khirurgii pediatriceskogo i sanitarno-gigienicheskogo fakul'tetov (zav. - prof.V.I. Akimov) L'vovskogo medinstituta i 5-y gorodskoy klinicheskoy bol'nitsy (glavvrach - I.I.Khoma).
(GALL BLADDER--DISEASES) (LOCAL ANESTHESIA)

PLATONOV A.F.

SHEREMETA, N.A.; PLATONOV, A.F.

Garcinoid of the appendix vermiformis. Nov.khir.arkh. no.4:78
Jl-Ag '57. (MIRA 10:11)

1. L'vovskiy nauchno-issledovatel'skiy institut perelivaniya krovi)
(APPENDIX (ANATOMY)--TUMORS)

PLATONOV, A.D.

Literature in the field of patents and its significance. Gor.
zhur. no.3:3-4 Mr. 163. (MIRA 16:4)
1. Chlen Komiteta po delam izobreteniy i otkrytiy pri Sovete Mi-
nistrov SSSR.

Scale-resistance tests of...

8/853/SP/000,000/000,000
A006/A101

974373 (EI4373), 97617 (EI617), 97787 (EI787), "Nimonik" type, 97617 (EI617) type alloys and cast alloys types AC3 (ZhS3) and "Nimokast". The temperature difference ranges from 100 to 800°C and 200 - 600°C; maximum temperatures are 900 - 1,100°C. The developed system of rigid seizing of the specimen is illustrated and differs from previous systems by greater rigidity; conditions thus created yield least variated results. The developed unit can also be used for large-scale tests with variable rigidity. The method and design of the unit make it possible to perform tests at any temperature level attaining the melting point of the alloy, with limit temperature differences which are determined by maximum values of the cyclic top temperature. The tests are accompanied by temperature stress control. The specimens are designed with least material consumption. The method is recommended for research work and is to be used in laboratories for comparative evaluation of heat resistant alloys. There are 5 figures.

Card 2/3

S/853/62/000/000/002/008
A006/A101

AUTHORS: Platonov, A. A., Skvortsov, G. V., Sklyarov, N. M.

TITLE: Scale-resistance tests of heat-resistant alloys under conditions of constant operational length of the specimen (rigid seizing)

SOURCE: Termostoykost' zharoprochnykh splavov, sbornik statey, Ed. by N. M. Sklyarov, Moscow, Oborongiz, 1962, 64 - 69

TEXT: An attempt is made to reduce the "parasitic" deformations in scale-resistance tests on a machine with rigid seizing, to a magnitude not exceeding 5% of the heat changes in the operational portion of the specimen during cyclic heating and cooling processes. The method of a rigidly seized specimen has the following advantages: the measurement and control of stress are simple; the specimens to be subjected to scale resistance tests are similar to tensile test specimens; heating by electric current, passing through the specimen, is convenient and rapid. The method developed for scale-resistance tests is particularly suitable for the comparative evaluation of scale-resistance in series and experimental heat-resistant alloys and steels. Tests were carried out with

Card 1/3

PLATONOV, A.A.; MOGUKALO, G.A., smennyj tekhnik; NIKOLAEV, M.M.

Readers letters. Bezop. truda v prom. № 954 3 '64

(ЧМД 17:1)

1. Starshiy inzh. po tekhnike bezopasnosti Glavnogo upravleniya geologii i okhrany nadr pri Sovete Ministrov RSFSR (for Platonov).
2. Shakhta № 7 treulta Petrovskogo, Donetskogo noveto mazinochnogo khozyaystva (for Mogukalo).
3. Nachal'nik otdela kolonadzora khozyaystva (for mogukalo).
3. Nachal'nik otdela kolonadzora Upravleniya Sredne-Volzhskogo okruga Gosudarstvennogo komiteta pri Sovete Ministrov RSFSR po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru (for Nikolayev).

FEDORKO, P., kand.tekhn.nauk; PLATONOV, A., mekhanik

Automatic regulation of the temeprature of cooling water in
marine diesel motors. Rech. transp. 19 no.4:28-29 Ap '60.

(Marine diesel engines) (Automatic control)
(Temeprature regulators) (MIRA 14:3)

BELOZEROV, G.; BORODIN, A.; KAGAN, A.; PLATONOV, A.; CHUKHAR'KO, Z.

Methods of determining the economic effectiveness of investments
in the grain storing and milling industry. Muk.-elev. prom. 26
no. 10:21-23 0'60.

(Grain--Storage) (Grain milling)

(MIRA 13:10)

PLATONOV, A.; CHUKHAR'KO, Z.

Improve the management of grain receiving enterprises.
Muk.-elev. prom. 27 no.10:23-25 0 '61. (MIRA 14:12)

1. Gosudarstvennyy komitet zagotovok Soveta Ministrov SSSR (for Platonov). 2. Vsesoyuznyy nauchno-issledovatel'skiy institut zerna i produktov yego pererabotki (for Chukhar'ko).
(Grain elevators)

PLATONOV, A.

Encounter with foreign laws. Izobr. i rats. no.1:46-47 Ja '59.
(MIRA 12:1)
1. Zamestitel' predsedatelya Komiteta po delam izobreteniy i
otkrytiy pri Sovete Ministrov SSSR.
(Patent laws and legislation)

PLATONOV, A.

Improving the planning of distribution costs in grain procurement enterprises. Muk.-elev.prom. 25 no.9:3-5 S '59.
(MIR 12:12)

1. Chlen Gosudarstvennogo komiteta Soveta Ministrov SSSR po khleboproduktam.
(Grain trade--Costs)

PLATONOV, A.; CHUKHAR'KO, Z., kand.ekon.nauk; SHEKHTMAN, Kh., kand.ekon.nauk
Efficient distribution of grain procurement stations. Muk.-elev.prom.
26 no.1:8-9 Ja '60. (MIRA 1316)

1. Gosudarstvennyy komitet Soveta Ministrov SSSR po khleboproduktam
(for Platonov). 2. Vsesoyuznyy nauchno-issledovatel'skiy institut
zerna (for Chukhar'ko, Shekhtman).
(Grain elevators)

PLATONOV, A.

Methods for the improvement of operations in classification yards. Zhel. dor. transp. no. 3:27-37 '47. (MIRA 13:2)

1. General-direktor dvizheniya 3-go ranga, nachal'nik Oktyabr'skoy dorogi.
(Railroads--Hump yards)

PLATONOV, A.

Matter of national importance. Izobr.i rats. no.3:35-36 Mr '60.
(MIRA 13:6)
1. Chlen Komiteta po delam izobreteniy i otkrytiy pri Sovete
Ministrov SSSR.
(Patents)

PLATONOV, A.

Technical progress in transportation on the Ob' River. Rech.transp.
19 no.9:5-6 S '60. (MIRA 13:9)

1. Nachal'nik Obskogo parokhodstva.
(Ob' River--Inland water transportation)

BUKH, B., polkovnik; PLATONOV, A., mayor

Characteristics of the organization of communications in the
mountains. Voen.vest. 42 no.9:99-101 S 162. (Mira 55/6)
(Communications, Military)

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SUVOROV, A.; PLATONOV, A.

In the meat combines of Mexico. Mias.Ind.SSSR 33 no.2:58-63 :62.
(Mexico--Meat industry) (MIRA 15:5)

PLATONOV, A.

Working out prospective plans. Muk. elev. prom. 23 no. 12:1-3 D '57,
1. Chlen Kollegii Ministerstva khleboproduktov SSSR.
(MIRA 11:2)
(Grain elevators)

PIATONOV, A.

Problems in further reinforcing economic accountability. Mukh.-elev.
prom. 24 no. 4:4-6 Ap '58.
(MIRA 11:5)

1. Planovyy otdel Ministerstva khleboproduktov SSSR.
(Grain trade--Accounting)

PIATONOV, A.K., inzh.

Time between the repairs of transformers can be increased. Elek.
i tepl.tiaga 4 no.2:14-15 F '60.
(Electric transformers) (MIRA 13:6)

PIATOMOV, A.K., inzh.

It is necessary to improve low-power transformers.
Elek. i tepl. tiaga no. 7:46 J1 '60. (MIRA 13:8)
(Electric transformers)

PLATONOV, A.

USSR

On a New Starting Device Developed for the M-11 Engine. Research Institute for the Air Force.

SOURCE:

P: Vestnik Vozdusnnogo Flota - Moscow - April 1938
Abstracted in USAF "Treasure Island", on file in
Library of Congress, Air Information Division,
Report No, 67378.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200034-6

SYSOYEV, A.N.; DROBANTSEVA, N.T.; PLATONINA, O.A.

Investigating cathodic films obtained in the electrolysis of
chromic acid. Zhur.prikl.khim. 33 no.2:372-378 F '60.
(MIRA 13:5)
(Chromium plating) (Metallic films) (Electrolysis)

PLATONENKOV, G., general-leytenant aviatsii

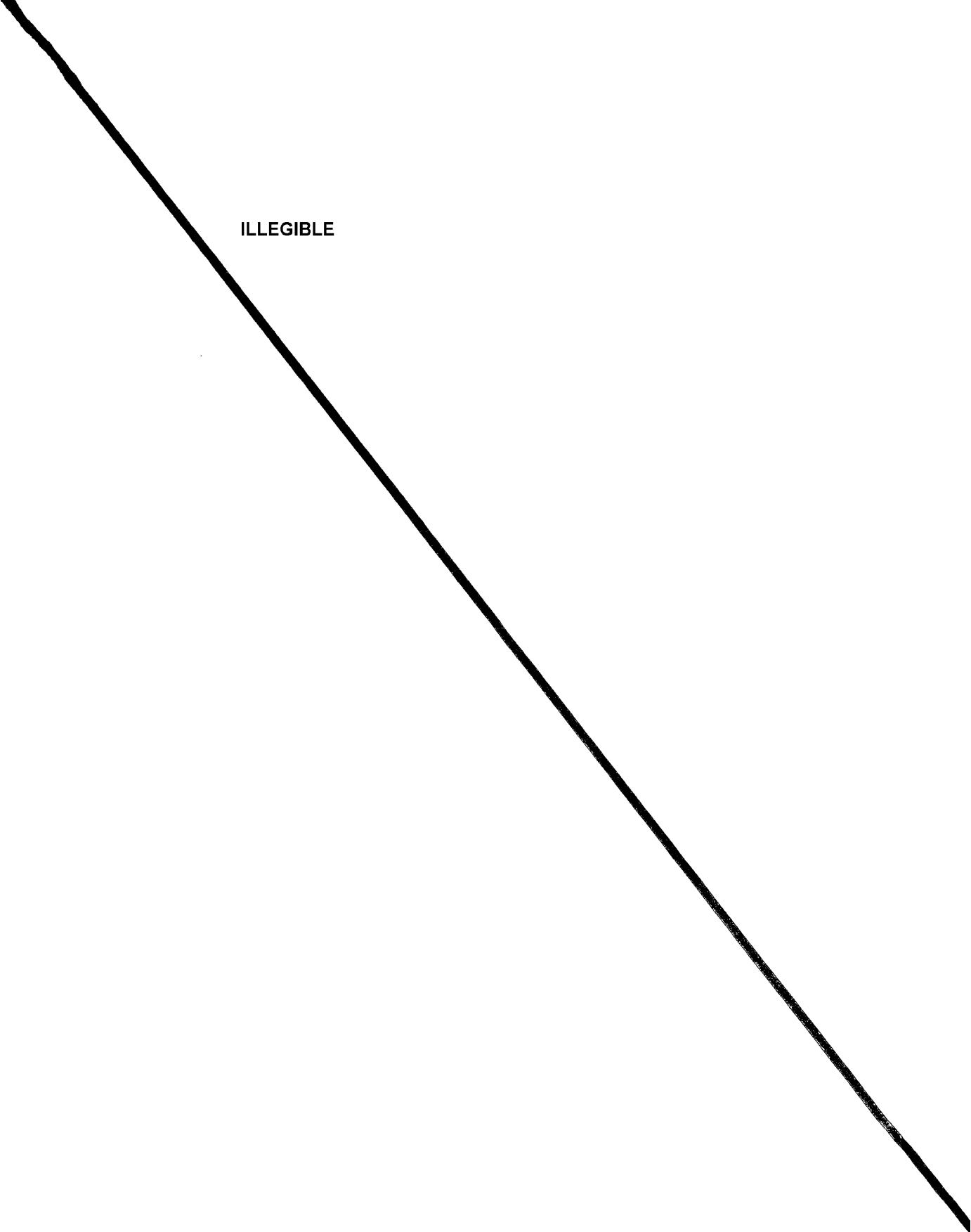
Education of young commissioned officers is the prime duty of
party members. Komm.Vooruzh.Sil 3 no.22:42-47 N '62. (MIRA 15:12)
(Russia--Air Force--Officers)

GVIZD⁰, D.I.; PLATONENKOV, A.N.

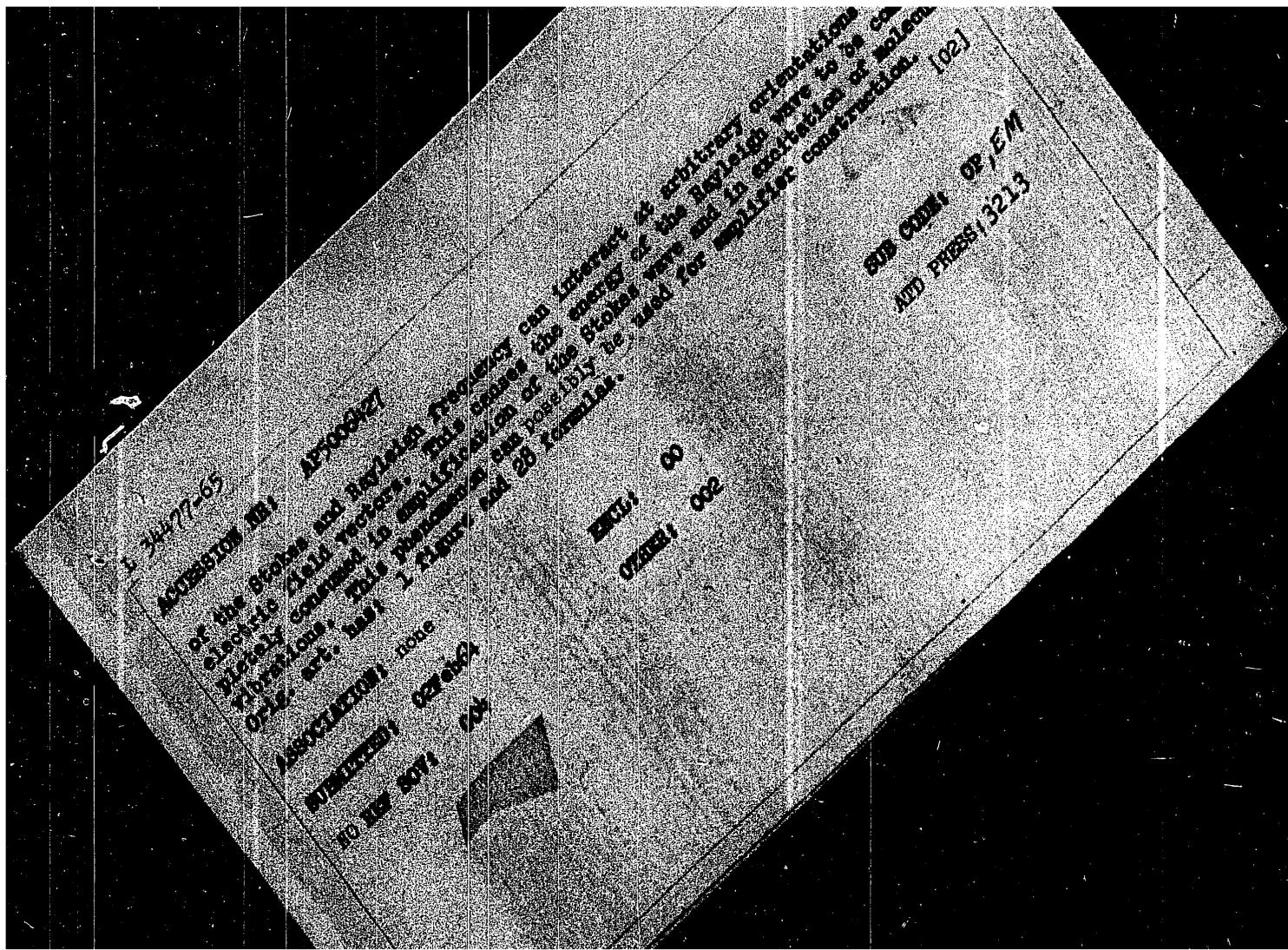
Using magnetotelluric profiling in studying the Ust' Yenisey
depression. Trudy NIIGA 132:140-142 '62. (MIRA 16:4)
(Yenisey Valley...Electromagnetic prospecting)

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REF ID: A61135 EMT(1)

ACQUISITION NR: APS000417

8/0091/65/018/003/0369/0376

AUTHORS: Blavatskii, V. M.; Khomilov, N. V.

TYPE: Stimulated Raman scattering in media consisting of anisotropic molecules

SOURCE: Optika i spektroskopiya, v. 18, no. 3, 1965, 369-376

TOPIC-TAGS: Raman scattering, anisotropic molecule, stimulated scattering, Rayleigh wave, Stokes wave, polarization

ABSTRACT: The article presents a classical theory for stimulated Raman scattering in a medium consisting of molecules having anisotropic electric properties, and gives the analysis of the interaction of waves with frequencies corresponding to the combination of the waves propagating in the medium and the amplitude of the polarization of the molecule. In addition the molecules have nonlinear properties. The interaction between the Rayleigh and the Stokes light components is then analyzed in the frame of the linear dependence of the polarization components on the field amplitude. In the linear limit, under the case of isotropic molecules, the waves

Card 1/2

ACCESSION NR: AP4042577

S/0056/64/046/006/2126/2131

AUTHOR: Platonenko, V. T.; Khokhlov, R. V.

TITLE: Wave interaction in stimulated Raman scattering

SOURCE: Zh. eksper. i teor. fiz., v. 46, no. 6, 1964, 2126-2131

TOPIC TAGS: Stokes wave component, Rayleigh wave component, anti-Stokes wave component, stimulated Raman scattering, Raman laser, stimulated Raman effect, coherent light effect

ABSTRACT: The amplifying properties of a medium based on stimulated Raman scattering were investigated. The case of the interaction between the Stokes and Rayleigh light wave components propagating along different directions as well as the case of the interaction between these components and an anti-Stokes component, when this interaction is effective, have been considered. It is shown that the efficiency of interaction between the Stokes and Rayleigh wave components of the field is determined by the angle between the electric field of the Rayleigh component and the wave vector of the Stokes component. The interaction of these three (Rayleigh, Stokes,

Card 1/2

ACCESSION NR: AP4019220

nomenon, follows by derivation of the self excitation condition for the Raman laser. It is shown that during the course of interaction of the waves the energy goes from the wave with the larger frequency (pump) to that with the lower frequency (signal). This explains why the amplification occurs only for the Stokes component of the Raman scattering. A theoretical limit is shown to exist for the energy transferred from the pump to the signal and that the energy transformation ratio is equal to the signal to pump frequency ratio ω_s/ω_p . It is pointed out that the Raman laser is a new type of generator, distinct from all others known in optics. Its oscillation energy is proportional to $(\omega_s/\omega_p)^2 E_p^2$, as in parametric generators, but unlike the latter there is no need for satisfying rigorous dispersion relations and the self-excitation coefficient is determined by the square of the amplitude of the pumping wave and not by the first power. "The authors are grateful to S. A. Akhmanov and D. N. Klyshko for a discussion of the results." Orig. art. has: 14 for-
Card 2/02

ACCESSION NR: AP4019220

S/0056/64/046/002/0555/0559

AUTHORS: Platonenko, V. T.; Khokhlov, R. V.

TITLE: On the operating mechanism of a Raman laser

SOURCE: Zhurnal eksper. i teor. fiz., v. 46, no. 2, 1964, 555-559

TOPIC TAGS: laser, Raman laser, stimulated Raman scattering, laser emission, Raman line, Stokes component, laser self excitation, Raman laser self excitation

ABSTRACT: In view of recent observations of stimulated Raman scattering laser lines from various organic liquids stimulated by intense light waves of a different frequency (G. Eckhardt et al., Phys. Rev. Lett. v. 9, 455, 1962) and the resultant feasibility of a new type of laser (Raman laser), the authors first present a classical description of stimulated Raman scattering and the nonlinear theory of a traveling wave amplifier based on the use of this phe-

Card. 1/62

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ELATONENKO, V. V.; PROKHLOV, R. N.

Interviewer: G. M. Kuznetsov
Interviewee: V. V. Elatonenko, R. N. Prokhlov

2. Who gave you the names of the persons mentioned above?

M. B. - 100

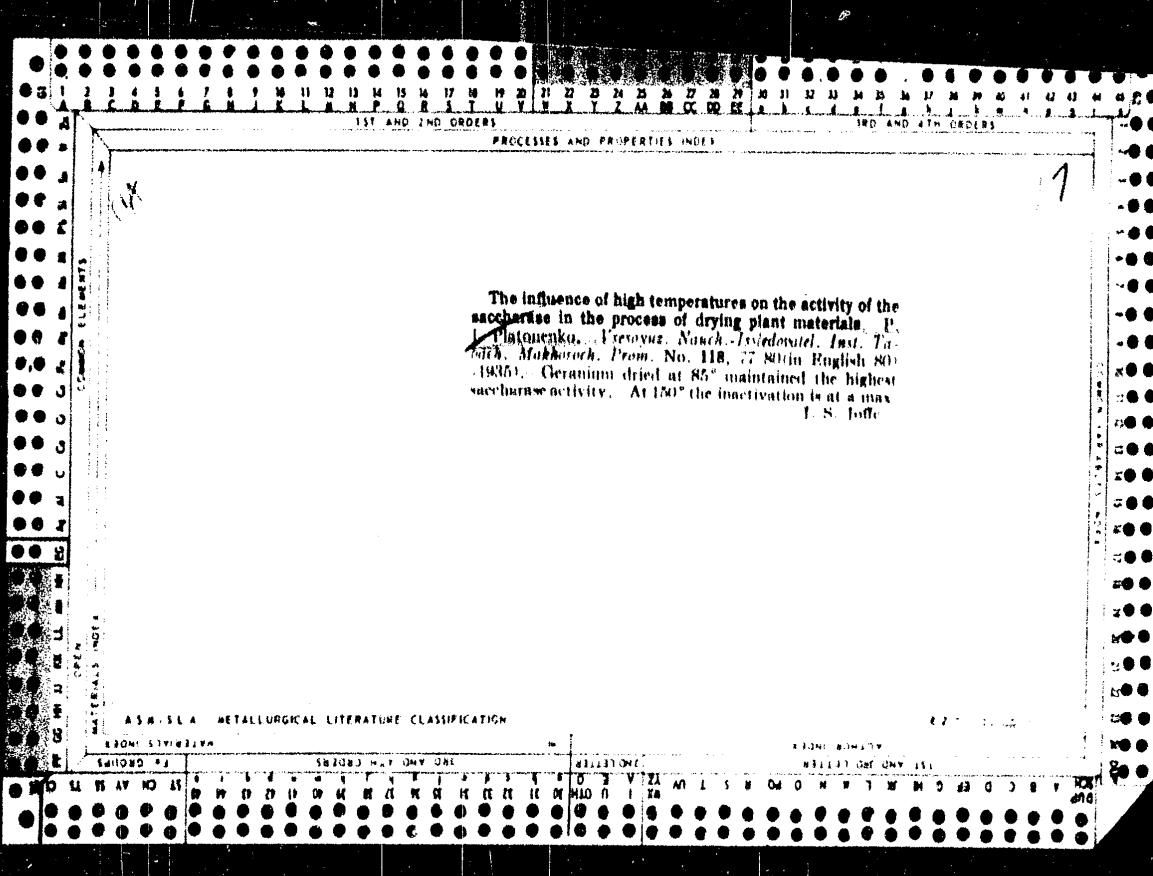
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PLATONENKO, V.T.; KHOKHLOV, R.V.

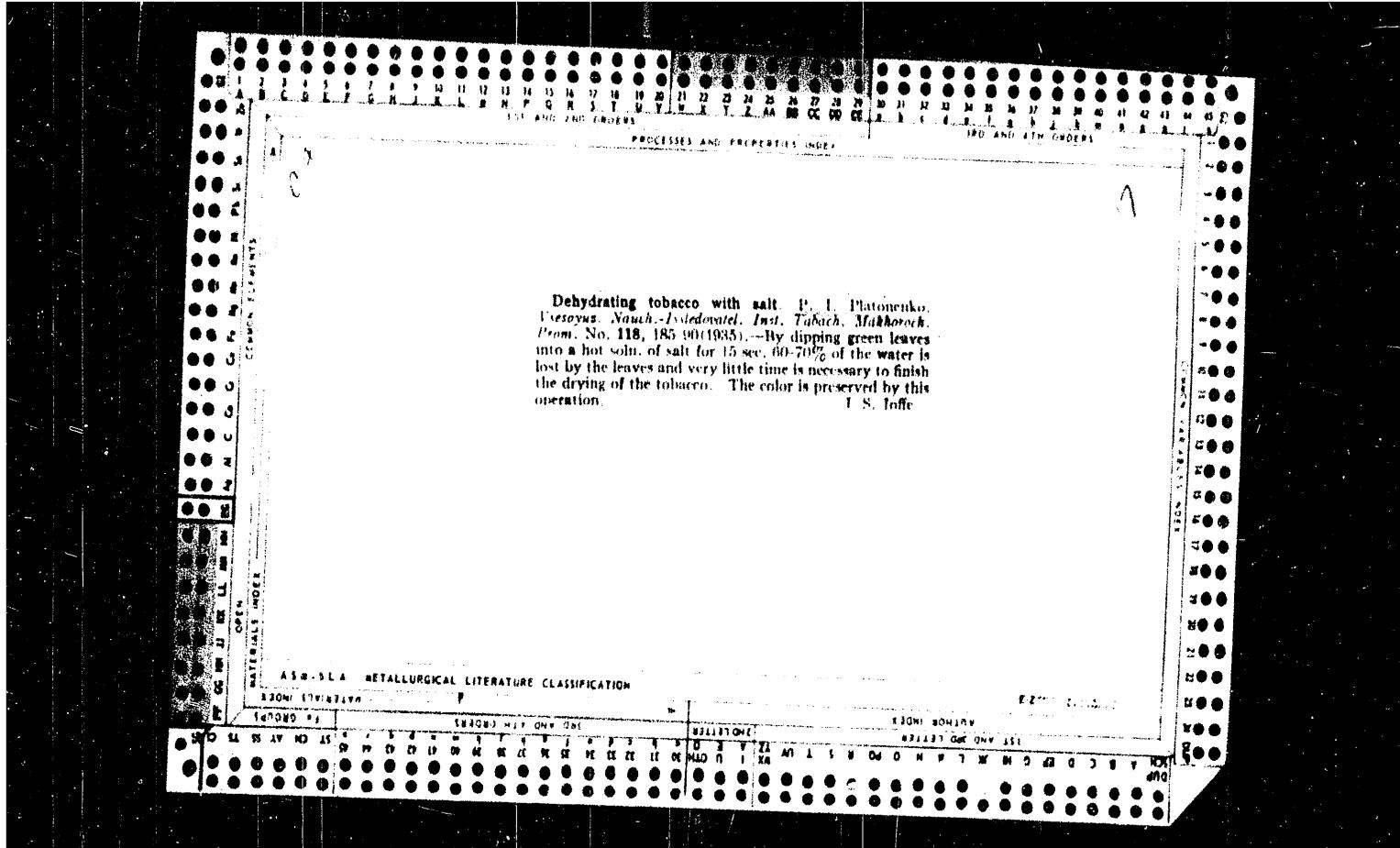
Induced Raman scattering in media consisting of anisotropic
molecules. Opt. i spektr. 18 no.3:369-376. Ukr. 1965.

(USSR) (FBI)

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L 8322-66 FED/EWT(1)/EEC(k)-2/T/EWP(k)/EWA(m)-2/EWA(h) SCTB/LJP(-) WG/GG
ACC NR: AP5026612 SOURCE CODE: UR/0056/65/049/004/1190/1196

AUTHOR: Platonenko, V. T.; Stamenov, K. V.; Khokhlov, R. V. 44
ORG: Moscow State University 55 44 55 44 (Moskovskiy gosudarstvenny universitet)
TITLE: Stimulated Raman scattering in strong fields

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 49, no. 4, 1965,
1190-1196

TOPIC TAGS: 21, 44, 55 Raman effect, Raman scattering, nonlinear optics, Stokes component,
stimulated Raman scattering, Raman laser, strong magnetic field 25, 44

ABSTRACT: A quantum mechanical treatment is conducted of the stimulated Raman scattering by molecules with nonequidistant vibrational levels in a strong magnetic field. The kinetic equation for the density matrix in the energy representation is used in the analysis. A condition for the appearance of the Stokes doublet (i.e., splitting of the Stokes line) is derived. The fields of the exciting waves required for the splitting are shown to be smaller than those at which the saturation effect will appear. At a large pump power, the Stokes line should be asymmetrically broadened, making it possible to evaluate the energy levels making the main contribution to stimulated Raman scattering. Orig. art. has: 15 formulas.

SUB CODE: 40/ SUBM DATE: 23Apr65/ ORIG REF: 004/ OTH REF: 003/ ATD PRESS:
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ACC NR:

AP6000742

tion for E_1 and E_2 describing the interaction of E_1 and E_2 wave
 $(\gamma w_1 + \gamma w_2 = w_0)$. A criterion is then obtained for the amplification
in the case of amplification is substantially exceeded, the threshold power for
satisfied in liquids whose index of refraction is large. $K_H - K_C = K_1$ and

SUB CODE: 20/

SUBM DATE: 09Sep65/ AND PRESS: 4/62

[Signature]
Card 2/2

I. 9494-66 EHA(k)/FBD/EWT(1)/EEC(k)-2/T/EWP(k)/EHA(m)-2/EHA(h) SC 100
ACC NR: AP6000742 WG/WW/GG SOURCE CODE: UR/0386/65/002/002/0435100000
71
B

AUTHOR: Platonenko, V. T.; Khokhlov, R. V. 44.55

ORG: Moscow State Universitet 44.55

TITLE: Stimulated Raman scattering and parametric processes 21. 44.55

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki. Pis'ma v redaktsiyu.
Prilozheniya, v. 2, no. 9, 1965, 435-437

TOPIC TAGS: laser, nonlinear optics, parametric amplification, Raman scattering,
stimulated emission

ABSTRACT: A theoretical analysis is conducted of the possibility of obtaining para-
metric amplification and frequency conversion using coherent molecular vibrations in-
duced during stimulated Raman scattering as a source of excitation (pumping). The
analysis is performed for an electric field in a medium

$\bar{E} = \bar{E}_H e^{i\omega_H t} + \bar{E}_a e^{i\omega_a t} + E_1 e^{i\omega_1 t} + E_2 e^{i\omega_2 t}$,
where $\omega_H - \omega_C = \omega_1 + \omega_2 = \omega_0$ (ω_0 is the natural frequency of the molecules of the
medium active in SRS). Assuming that $\bar{E}_H \parallel \bar{E}_C \parallel \bar{E}_1 \parallel \bar{E}_2$, the authors derive an
expression for the nonlinear polarization of the medium which they substitute into the
Maxwell equations. Assuming that $\bar{E}_1 \ll \frac{\bar{E}_H}{\bar{E}_C}$, they derive a symmetric equa-

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Study of available plans, programs
and policies of the Soviet Union

of the USSR, its satellite states, and
other countries, particularly
China, India, and (less frequently)
Afghanistan, Mongolia, Laos, Vietnam,
North Korea, Iran, Iraq, Turkey,
Iran, Jordan, Libya, Egypt, and
Yemen.

SUPPLEMENTED June 4, 1968

Bond - 4/26

Stability of Emulsion Film at the
Equilibrium of Immiscibility

Stabilized emulsions of the immiscible film system had
very low droplet coalescence probability.

In the form of the oil, i.e., upon thermal aging of the film,
or not (Gard) emulsion O.II-HCI, contains no
intrinsic property of immiscible emulsion to stabilize
underneath the film, indicating that emulsion film
cannot take their place underneath the film, i.e., non-
porous film. These facts indicate that the stabilized
emulsion does not reduce to immiscible emulsion
when underneath the film. Study of the film
prepared has shown high corrosion stability, high
solubility in acidic and basic, high oil absorption
power (40%), good adhesion to the metal surface
and the paint formation. These properties suggest
that the stabilized film can be used as an anticorrosive
under paint. The results of the film thickness and
performance tested, A.Gard, G.HCI, H.Gard,
Gard-Gard, Gard-HCI, Gard-HCI-HCI, and
Gard-HCI-Gard, are as follows:

Gard-Gard

Study of Cathodic Film Formed in
Electrolysis of Chromic Acid

Part I
S. A. KATSEV

Kinetics of Film Formation

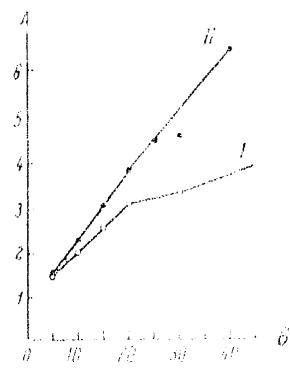


Fig. 2. Illustration of the kinetics of formation of the cathodic film of electrolytic Cr³⁺ (a) in acid solution; (b) in alkali; (c) in dilute CrO₄²⁻ on copper; (d) on diatom.

Card 2/4

5.1310

AUTHORS: Sysoyev, A. N., Dostoevskaya, N. P., Pichugin, V. M.
TITLE: Study of Cathodic Film Formation in Electrolyte Containing
Chromic Acid
PERIODICAL: Zhurnal prikladnoy khimii, Russ, Vol. 54, No. 3,
pp 372-378 (USSR)

ABSTRACT: Chemical composition, properties, and mechanism
of formation of cathodic films formed upon electrolysis
of pure chromic acid were studied. Copper and steel
cathodes of 0.1 dm² surface area and platinum and
lead anodes were used. The electrolyte was 0.1M
solution of CrO₃ without SO₄²⁻ ions. Dense cathodic
films were obtained at current density by 100-200
amp/dm² (C stands for cathode), temperature of
electrolyte 30-40°, concentration of CrO₃ 0.05-0.1M
and time of electrolysis 1-10 min.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200034-6

L 40713-65

ACCESSION NR: A85009355

Office interpretation. Bibliography of 7 items. Tu. Keenits.

ENCL: 00

SUB CODE: 18

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Card: 3/3 m/s

L 40713-65

ACCESSION NO: A25009355

field soil mapping from aerial photographs. Relief was estimated directly on the aerial photographs with an accuracy to 0.15 unit on a 5-unit scale; the lowest elevation was assigned to unit 1 and the highest elevation was assigned unit 5. A scale of proposed features of agricultural lands then was prepared; the units of this scale were derived as the mean arithmetical units of all three arguments. Each interpreted proposed feature (PF) was assigned a unit selected from this scale and the arguments were evaluated separately: density of photo tones (P), soil (S) and relief (R). On the basis of the observed data a composite correlation coefficient was derived for characterizing the dependence of PF on P, S and R. The determined value was 0.873. Then the special correlation coefficients were computed:

$$\beta_{PK} = PK, \beta_P = P, \beta_R = R, \beta_S = S.$$

Finally, a PF multiple regression equation was derived for P, S and R. $PF = 0.76 + 0.22P + 0.19S + 0.32R$. Such statistical investigations should be expanded in the direction of an increase of the number of interpretation criteria. The regression equation derived on their basis can be used in developing a method of

Card 2/3

L40713-65 LWT(L) AFATC GW

ACCESSION NR: AR5009355

8/0270/65/000/003/0027/0028

Q1
B

SOURCE: Nef. zh. Geodesiya. Otd. vyp., Abs. 3.52.133

AUTHOR: Piatonenko, M. A.; Filippov, M. V.

TITLE: Interpretation of agricultural lands on aerial photographs using regression equations

CITED SOURCE: Tr. Omskogo s.-kh. in-ta, v.55, no. 2, 1964, 73-80

TOPIC TAGS: aerial photography, aerial photograph interpretation, photogrammetry,
regression equation

TRANSLATION: A statistical study has been made of the influence of the density of the photo tone in the office interpretation of an aerial photograph of agricultural lands. Ten contact prints at a scale of 1:4,000 were used. Between 20 and 30 characteristic features were noted on each of the prints. The values of the density of the photo tone were determined with an accuracy to 0.25 visual photometric unit on an 8-unit scale of a gradation positive. Soils were evaluated with an accuracy to 0.5 unit on a 10-unit scale prepared on the basis of the results of

Card 1/3

AUTHORS: Fialkov, D.M. and Platonenko, K.A. S'V-132-59-8-6/16

TITLE: Photogrammetric Method of Detailed Geological Mapping
(Fotogrammetricheskiy spozob detal'nogo geologicheskogo kartirovaniya)

PERIODICAL: Razvedka i okhrana nedr, 1958, Nr 8, pp 21 - 25 (USSR)

ABSTRACT: As aerial photography is now widely used for prospecting for mineral deposits, the authors propose the photogrammetric method of detailed geological mapping to replace the antiquated method of geological surveying. As a rule, the topographic map is established with the help of aerial photography and the necessary connection of the identification mark of the aerial photography with the reference of the map. Observing definite conditions, all elements discovered by the photograph can be fixed on the map with great precision. There is 1 map and 2 diagrams and 1 graph.

ASSOCIATION: Omskaya kompleksnaya ekspeditsiya (The Omsk Joint Expedition)
1. Minerals--USSR 2. Minerals--Sources 3. Mapping--Applications
4. Aerial photography--Applications

Card 1/1

PLATONENKO, M.A.

Quantitative characteristics of interpretation characteristics
of soils on air photos by means of correlation coefficients.
Pochvovedenie no.1:75-84 Ja '63. (MIRA 16:2)

1. Omskiy sel'skokhozyaystvennyy institut imeni S.M.Kirova.
(Siberia, Western--Soils) (Photographic interpretation)

PLATONENKO, M.A.

Characteristics of the aerial photography of soils in Western
Siberia. Pochvovedenie no.2:42-50 F '62. (MIRA 15:3)

1. Omskiy sel'skokhozyaystvennyy institut imeni S.M.Kirova.
(Siberia, Western--Soil surveys) (Aeronautics in surveying)

S/035/00/005/034/038
A001/A001

Translation from Referativnyy zhurnal, Astronomiya i Gocodariya, 1960, No. 6,
p. 106, # 5636

AUTHOR: Piatovenskiy, M. A.

TITLE: Use of Readings of a Radicaltimeter and a Stadioscope for Increasing
the Precision of Graphic Phototriangulation ✓
✓

PERIODICAL: Tr. Omskogo s.-kh. in-ta, 1958, Vol. 29, No. 2, pp. 105-119

TEXT: It is proposed, in order to increase the precision of graphic phototriangulation, to use the readings of the radicaltimeter and the stadioscope, to calculate the values of double bases, and to check the plotting of a rhombic network using these values. The methods of picturing the phototriangulation network in this way are discussed, and the precision of the method is analyzed. It has been established, that the accuracy increased by 1.5 times (in processing the photographs taken by AFA with $F = 200$ mm).

S. Z. R.

Translator's note: This is the full translation of the original Russian abstract.

Card 1/1

✓B

PLATONAU, G. V., laureat Stalinskay premii, kandidat filosofskikh navuk;
DZERUZHYNSKI, A., redaktor; TRUKHANAVA, A., tekhnicheskiy redaktor

[K.A.Timiriazev's struggle against idealism and religion] Barats'ba
K.A.Timirazeva suprots' idealizma i religii. Minsk, Dziarzh. vyd-va
BSSR, 1954. 43 p.
(MIRA 10:1)
(Timiriazev, Kliment Arkad'evich, 1843-1920)

PLATON, V.M. [deceased]

Aerial photography in prospecting peat deposits. Torf.prom.32
no.5:24 '55. (MLRa 8:10)
(Peat bogs) (Photography, Aerial)

O

PLATON, Vl., ing.

New solutions in manufacturing coupled windows. Iniciativa
15 no.10:389-393 O '64.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200034-6

PLATON, V. E.

✓ 13. USE OF AERIAL PHOTOGRAPHY FOR PROSPECTING FOR PEAT DEPOSITS.
Platon, V.E. (Inst. Prom. (Peat Ind., Moscow), 1955. (5), 24). (L).

Photo
was
MT

PLATON, VL., ing.

New solutions in manufacturing and mounting doors by finishing
them at the producers. Ind 10mmului 15 no.6/7:227-231 Ja-Ji
'64.

KOZULIN, Yu.N.; PLATON, V.D.

Calculation of a $Q_1(p, z)$ function of two complex variables.
Part 2. Uch.zap.Kish.un. 69:6-13 '64.
(MIRA 18:12)

Prokof'ev, V.

"Uchenschii," V. N. and V. Prokof'ev.

"Aeros" erika gorodov. Moskva, Sovetskoye izdat, 1:32. 16 p., 1 cm.
Bibliography: p.h.
Title tr.: Aerial mapping of cities.

TR/10.vh

S6: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955.

PLATON, V.

Additions to the knowledge of the hygroscopicity, water absorption, and contraction
of wool dried in petrolatum. p. 411.
(INDUSTRIA LEMNLUI. RUMANIA. Vol. 5, no. 9, Sept. 1956.)

SO: Monthly List of East European Accessions (EELA) LC, Vol. 6, no. ?, July 1957. Unci.

PLATON, Maria; OPRISOR, Natalia; TESU, Viorica; DUMITRESCU, Olga

Physiological processes in hybrid corn. Studii biol agr
Iasi 13 no.2:317-324 '62.

PIATON, N. ; ILIESCU, Gh.

Some contributions toward ink spot removal, and some aspects of the problem.
p. 217.

CELULOZA SI MIRTIE. (Asociatia Stiintifica a Inginerilor si Tehnicienilor
din Romania si Ministerul Industriei Petrolului si Chimiei) Bucuresti.
Vol. i, no. 7, July 1959

Monthly List of East European Accessions (EEAI) L.C., Vol. 2, no. 2, 1959

UNCL.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200034-6

PLATON, M., ing.; BRAICU, L., ing.

Contributions to the utilization of the Roe chlorine number.
Cel hirtie 12 no.3:88-92 Mr '63.

FISCHGOLD,S., ing.; POPESCU,G., biolog; ANTON, I., ing.; BUROVA,T.,
candidat stiinte tehnice; HERSCU,O., chim.; POPOVICI,M., chim.;
PLATON,M., ing.; KONERTH,H., chim.

Some considerations on the utilization of beechwood for obtaining chemical pulp. Gel hirtie 10 no.7/8:225-231 Jl-Ag'61.

PLATON, M., ing.; CONSTANTINESCU, O., ing.

Rendering the waste materials from forest operation and wood processing factories valuable for the pulp industry. Cel hirtie 10 no. 4121-128 Ap'61.

CONSTANTINESCU,O., ing.; ANTON.I., ing.; BUROVA,T., ing.; HOTOPELEANU,A.,
ing.; KONERTH,H., chim.; POPOVICI,M., chim.; HERSCU,O., chim.;
PETREA,G., ing., PLATON,M., ing.

Obtaining SNS chemical and semichemical pulps from reed by
means of continuous digesting in the Pandis type installation.
Cei hirtie 11 no.3100-101 Mr.'62.

PLATON, M., ing.; CONSTANTINESCU, O., ing.; KONERTH, H., chim.

Use of waste materials from forestry operation and wood industry mills. Gel hirtie 10 no. 7/8:235-242 J1-Ag'61.

PLATON,M., ing.; POPOVICI,M., chim.

Statistical correlation between the lignin content of some
fibrous pulps and the Kappa index.Cel hirtie 12 no.2:41-47
F'63.

PLATON,M., ing.; CONSTANTINESCU,C., ing.; DRAGHICI,N., ing.; KOMERTH,H.
chim.; ANTON,I., ing.; EUROVA,T., ing.; FISCHGOLD,S., ing.;
HOTOPELEANU,A., ing.

Industrial experiments in turning to account waste materials
resulting from the exploitation and industrialization of wood.
Cel hirtie 11 no.3:102-106 Mr'62.

Platon, Florentina

5

CONSTANTINESCU, D. Dr.
Surname (in code); Given Names

Country: Rumania

Academic Degree: Dr.

Affiliation: I.C.B.M.C.P.

Source: Bucharest, Parfacia, No 6, 1961, pp 333-343.

Data: "Contributions to the Analytic Study of Cinarol"

Co-authors:

PLATON, Florentina, Pharmacist, I.C.B.M.C.P.
AFRODISEY, O., Para. Col., M.P.A.

PLATON, F.C., ing.

Problem of tanning raw material in Rumania. Some considerations
in view of the conference held at Cluj Sent. 5-6, 1955.
Industria usoara 3 no.1:36-38 Ja '56.

SAVULESCU, Alice; BECERESCU, D.; PUSCASU, A.; BOJOR, O.; PLATON, Florentina;
COICIU, Evdochia; STEFANESCU, A.; MOGA, Rodica; DRAGOMIRESCU-MANUCHIAN,
Maria

Research on the producing of spurred rye in Rumania. Studii cerc
biol veget 13 no.2:149-173 '61. (EEAI 10:11/12)

1. Membru corespondent al Academiei R.P.R.(for Savulescu) 2. Institutul
de cercetari agronomice(for Coiciu, Becerescu, Stefanescu, Puscasu,
Moga) 3.Institutul pentru controlul de stat al medicamentului si de
cercetari farmaceutice(for Bojor, Dragomirescu-Manuchian, Platon).

(Srgot)

ROMANIA

CONSTANTINESCU, D. Gr.; BOJOR, O.; MANUCHIAN-DRAOMIRESCU, Maria;
PLATON, Florentina; PAVIL, Margareta; GRINTESCU, N.;
GEORGESCU, Viorica.

Institute for State Control of Medicines and Pharmaceutical
Research (Institutul pentru controlul de stat al medicamentelor
si cercetari farmaceutice) - (for all)

Bucharest, Farmacia, No 5, May 1963, pp 285-291

"Contributions to the Method of Obtaining Ergot of Rye Selected
by Alkaloid Groups."

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PC

B-II-7

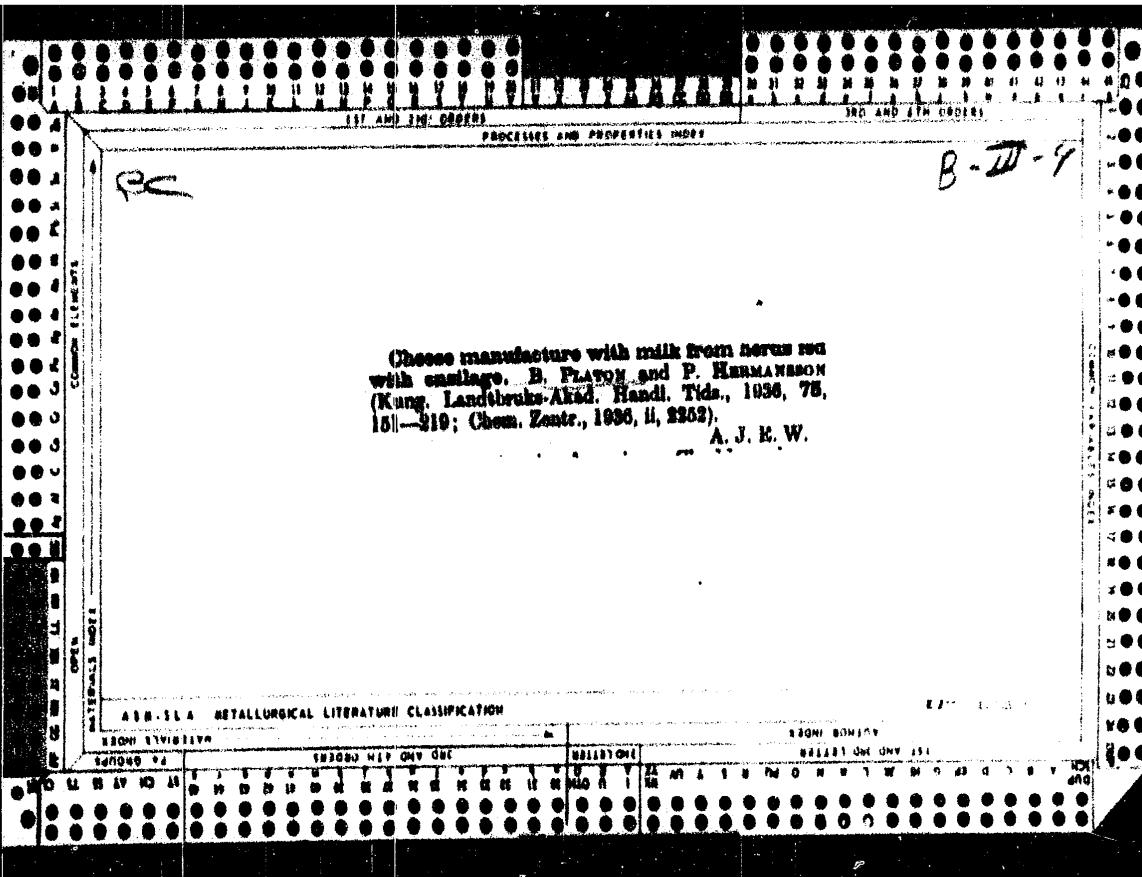
CHEESE manufacure with milk from serum and
with emulsio. B. PLATON and P. HANMARKSEN
(Kung. Landbruks-Akad. Handl. Tids., 1936, 75,
151-319; Chem. Zentr., 1936, II, 2352).

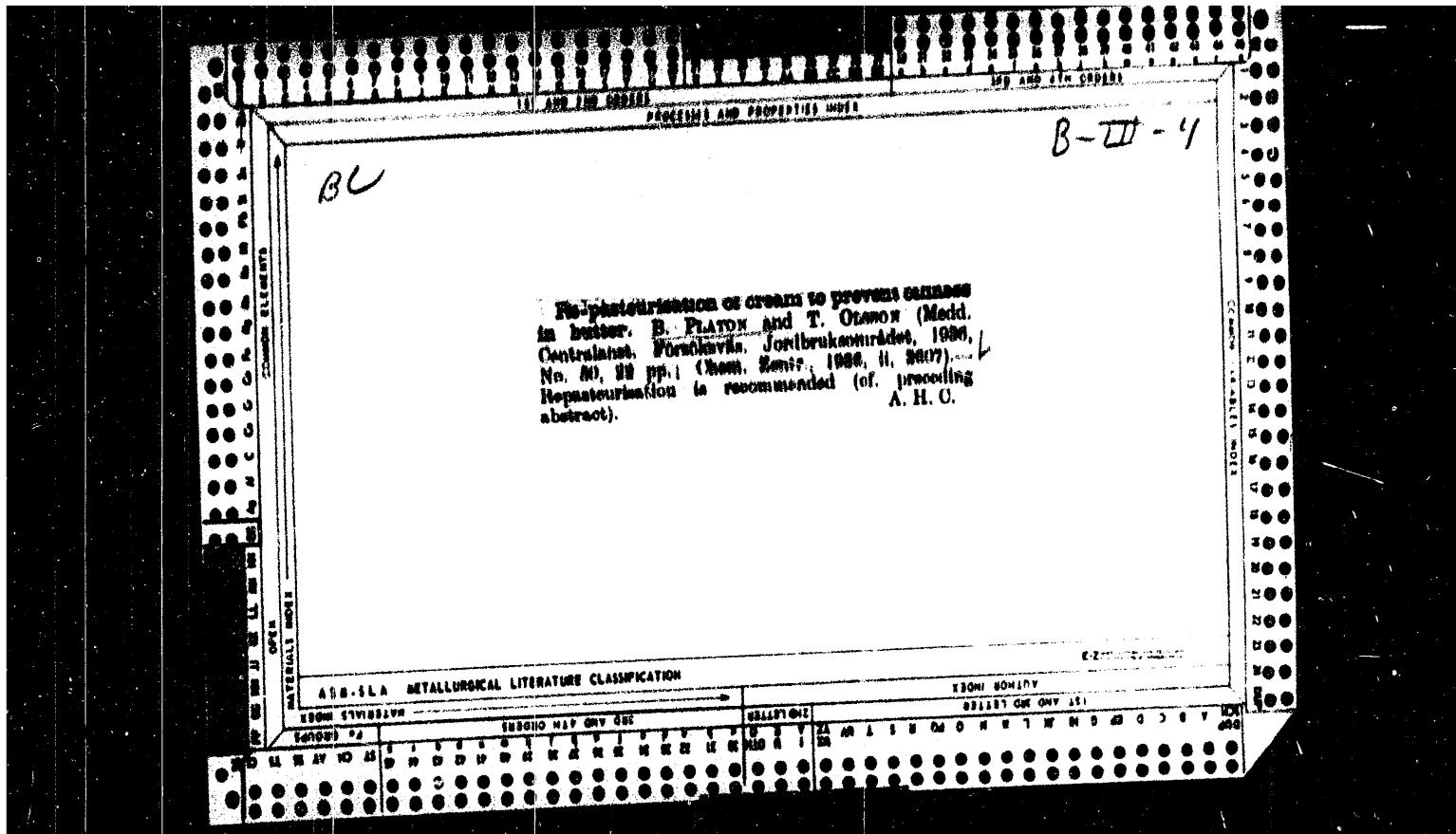
A. J. E. W.

AB-154 METALLURGICAL LITERATURE CLASSIFICATION

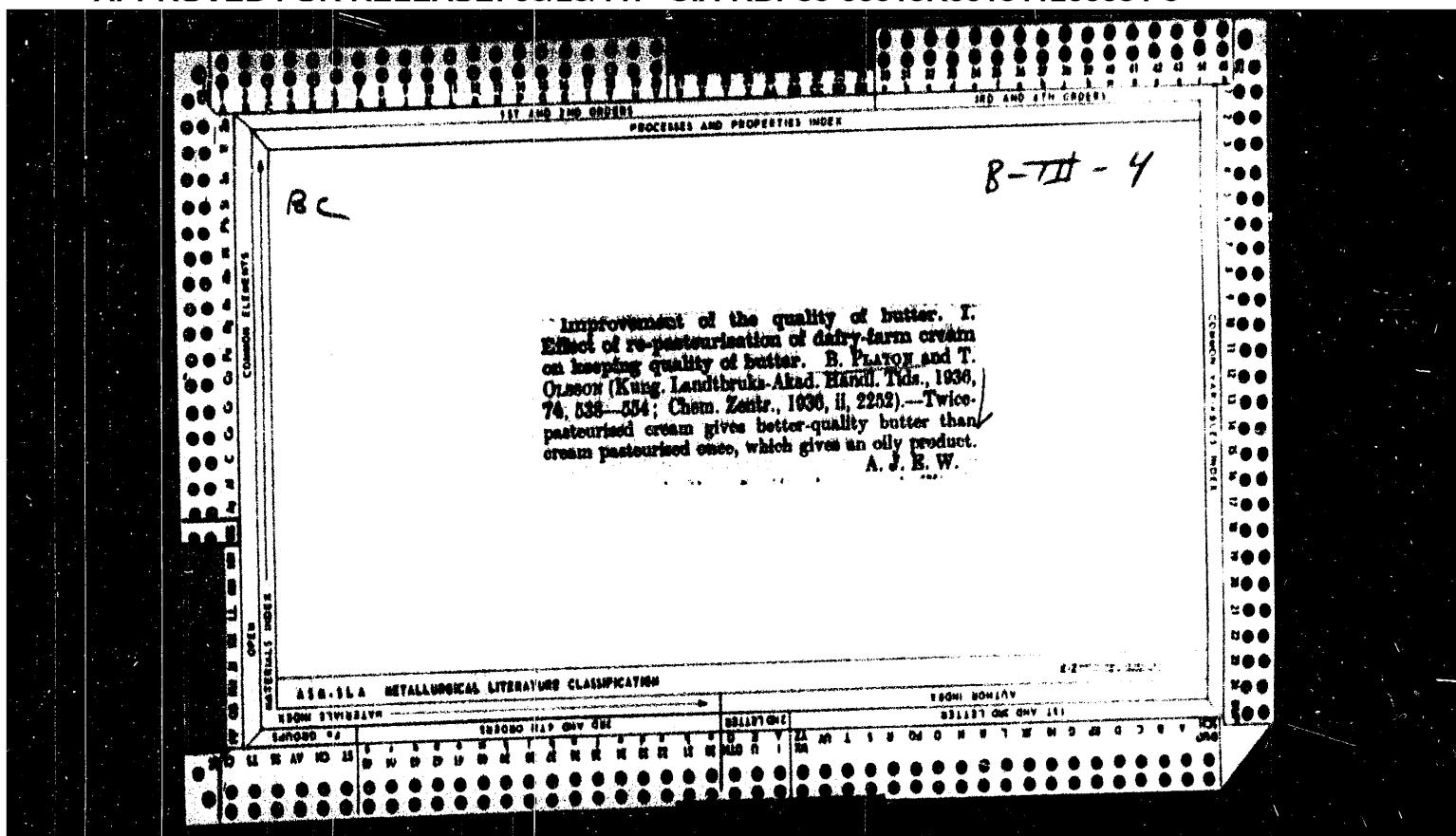
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PLATOCH, M.Yu.

Poisoning by methyl violet. Sud.-med.ekspert. 2 no.2:51-52
Ap-Je '59. (MIRA 13:6)

1. Kafedra sudebnoy meditsiny (zav. - prof. K.I. Tatiyev)
TSentral'nogo instituta usovershenstvovaniya vrachey, Moskva.
(METHYL VIOLET--TOXICOLOGY)

PLATOCH, M. YU. PHYSICIAN

CAND MED SCI

Dissertation: "Poisoning in a Case of Intravenous Introduction of Tincture of Iodine"

18 Apr 49

Second Moscow State Medical Inst imeni

I. V. Stalin

SO Vechernaya Moskva
Sect 71

PLATNOVA, G. F.

PHASE I BOOK EXPLANATION

SOV/9084

International Conference on the Peaceful Uses of Atomic Energy. Cl., Geneva, 1958

Bul'dy somaticheskikh obozrenii. [6.4] Radiolyz radioelementov i radikalizm radioelementov (Reports of Soviet Scientists on Radiolysis of Radioelements) Moscow, Atomizdat, 1959. 523 p.

6,000 copies printed. (Series: Its: Study)

Ed. (editors): A. P. Vinogradov, Academician; Ed.: V. L. Labunskiy, Tech. Ed.:

Yu. E. Mezai.

PURPOSE: This collection of articles is intended for scientists and engineers interested in the applications of radioactive materials to science and industry.

COVERAGE: The book contains 26 separate studies concerning various aspects of the chemistry of certain radioactive elements and the processes of radiation effect on matter. The reports discuss irradiation products of radon, uranium, plutonium, and neptunium; the chemistry of nitrate, thorium, barium, and radioactive wastes; the radiolysis of organic substances and of organic compounds; the mechanics of polymer chain scission; and the effect of radiation on natural and synthetic rubber. V. I. Pravdin edited the contributions to individual investigations and is responsible by references. Contributions of individual investigators are mentioned in annotations to the Table of Contents.

TABLE OF CONTENTS:

- Vinogradov, A. P. Metodika i tekhnika issledovaniya (The Technology of Isotopes) (Report No. 2225) 5
 Shevchenko, V. S., N. S. Portnov, and A. S. Solntsev. Some Special Problems in the Preparation of Irradiated Steel Products. Elektronika i Vysokochastotnaya Tekhnika (Electronics and High Frequency Electronics) No. 2(22). From the following personalities are mentioned as authors: V. S. Shevchenko, N. S. Portnov, A. S. Solntsev, Yu. P. Lutsenko, Yu. T. Chubakov, Z. M. Savchenko, and V. T. Oshchepkov. 28
- Morozov, V. M., and M. P. Semenikhina. Separation of Thorium and Uranium from Fusion Products by Extraction with a Mixture of Dibutyl Phthalate and Carbon Tetrachloride (Report No. 2216) 34
 Morozov, V. M. Distributioe of Thorium-232 in the Products of the Fiber Extraction of Thorium and Plutonium (Report No. 2206) 41
 Pravdin, V. I., N. P. Stoyanov, and N. M. Kostylev. Dry Method of Generating Irradiated Products. (Report No. 2255) 42
 [The authors thank I. E. Kuznetsov and A. S. Solntsev.] 49
 Broshkova, I. Ye., V. I. Lutsenko, G. V. Novikova, S. M. Naumov, Te. E. Bokshcheva, and V. P. Kostylev. Separation of Thorium-232 from the Products of Thorium-232 Irradiation. (Report No. 2207) 57
 [The authors thank S. Z. Bogdanov, Corresponding Member of Academy of Sciences.] 57
 Pravdin, D. I., M. M. Stoyanov, and N. S. Solntsev. Separation of Individual Rare Earth Elements. (Report No. 2215) 75
 Filoliaty, B. P., and V. I. Pashchenko. On the Possibility to Study the State of Radioactive Substances in Solution (Report No. 2212) 89
 Chernyshev, N. I., V. A. Solntsev, and V. P. Kostylev. Separation of Thorium-232 from the Products of the Irradiation of Thorium-232 with V. P. Markov. Contribution to the Problem of the Separation of Thorium-232 from the Products of the Irradiation of Thorium-232 with Compounds of Uranyl (Report No. 2251) 89
 [The individual studies of the following investigators have been included in the last part of this paper: Yu. N. Pravdin, L. V. Shishov, T. V. Sergeeva, and I. V. Tsyplakova.] 89
 Chernyshev, I. I., V. A. Golovina, and A. E. Novikov. Complex Carbonyls of Compounds of Thorium (Report No. 2209) 120
 [A. M. Rubtsova is mentioned for his part in this study.] 120

ACC NR: AP7002006

SOURCE CODE: UR/0118/66/000/012/0033/0034

AUTHOR: Platnov, P. N. (Doctor of technical sciences); Tribel'gorn, E.V.
(Candidate of technical sciences); Osadchiy, S. A.

ORG: none

TITLE: Small-size contactless time relay.

SOURCE: Mekhanizatsiya i avtomatzatsiya proizvodstvo, no. 12, 1966,
33-34

TOPIC TAGS: time relay, cold cathode tube

ABSTRACT: A time delay relay developed at the Odessa Technological Institute in Lomonosov with continuously variable delay time from 1 to 1200 sec is reported. The relay, encased in a dust- and waterproof container which has an 8-pin connector, uses two MTkh-90 cold-cathode thyratrons (see Fig.1) to realize the delay function. The maximum error of the preset time delay is $\pm 10\%$. Thyratron (T_1) working as a triode together with the RC circuit realizes the delay function while thyratron (T_2) is used for resetting T_1 . The large amount of delay is possible because the C_1 capacitor charging current is commensurate with its leakage current. Orig. art. has: 1 figure and 1 table.

UDC: 621.563.5

Card 1/2

GRIGORIU, D.; SCHORR, V.; CETIANU, M.; ILEA, M.; MAZAREANU, L.; DESPA, S.;
PLATON, Al.

Extraction of primary and delayed coking oils obtained from
Nahorkatia crude oil by liquid sulfur dioxide. Petrol si
gaze 14 no. 10:509-516 0'63.



KARLSON, K.P.[Karlsons, -K.], red.; BAYARS, V.[Bajars, J.], red.
STONANS, Ja., red.; DALBIN', M.Ya.[Dalbins, M.], red.;
PLATNIYEKS, R.F.[Platnieks, R.], red.; LAPUSHONOK,
Yu.K., red.; TEYTEL'BAUM, A., red.; BITAR, A., tekhn.
red.

[Transactions of the Conference on the New Methods of the
Efficient Use of Local Fuels held in Riga, September 2 to
5, 1958] Trudy soveshchaniia po novym metodam ratsional'-
nogo ispol'zovaniia mestnykh topliv, Riga, 1958.

(MIRA 16:5)

1. Soveshchaniye po novym metodam ratsional'nogo ispol'zo-
vaniya mestnykh topliv, Riga, 1958. 2. Institut khimii Akademii
nauk Latviyskoy SSR (for Bayars, Dalbin').
(Fuel--Congresses)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200034-6

PLATNIKOV, Kr., kapitan za dalechno plavane

Wind waves. Nauka i tekhnika mladezh no.11:20-22 N '57.

PLATNIERS, R.

Distr: 4E2c(j)

7
✓ Synthesis of 6-chloro-8-mercaptopquinoline and its reactions with cations. Bankovskis, L., Zalukajevs, and R. Platniets, Latvijas PSR, Zinatnu Akad. Vestis 1958, No. 4, 95-103 (in Russian). 6-Chloro-8-mercaptopquinoline dihydrate was prep'd. according to Edinger (C.A. 2, 1975) from 6-chloroquinoline, prep'd. according to La Coste (Ber. 15, 659 (1882)); total yield from quinoline 19-23%. The solv. of the Cu, Pd, Ni, Fe⁺⁺, Mn, V⁴⁺, Co, Zn, Cd, Mo⁴⁺, W⁶⁺, Hg, Hg²⁺, Ag, Pb, Bi, Sb⁺⁺⁺, As⁺⁺⁺, As⁵⁺, Se⁴⁺, Os⁴⁺, Ir⁴⁺, Pt⁴⁺, and Te⁴⁺ inner complexes in C₆H₆, CCl₄, CHCl₃, CHBr₃, diethyl oxalate, ether, isoamyl ether, bromobenzene, nitrobenzene, dichloroethane, isoamyl alcohol, and isooctane in acidic and alk. soln. is shown in a table.
K. Bross

6
2 May
1

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131W (CIA) 14

RECORDED BY TELETYPE AND TRANSMITTED
JAMES P. RYAN, DIRECTOR OF SECURITY, TO THE
DIRECTOR OF SECURITY, 10 CIRCUIT COURT, 1000-50 WNW.
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JAMES P. RYAN, DIRECTOR OF SECURITY, TO THE
DIRECTOR OF SECURITY, 10 CIRCUIT COURT, 1000-50 WNW.
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JAMES P. RYAN, DIRECTOR OF SECURITY, TO THE
DIRECTOR OF SECURITY, 10 CIRCUIT COURT, 1000-50 WNW.

CIA

PLATNER, Joze, Ing., arh.; AVCIN, Marij, doc., dr.

Polyvalent pediatric dispensary as an instrument of social
pediatrics and as a demonstration center. Higijema, Beogr.
7 no.1-4:602-609 1955.

1. Centralni higijenski zavod, Ljubljana, Decja klinika MVS,
Ljubljana.

(CLINICS
pediatric dispensary, organiz. & funct. (Ser))

(PEDIATRICS
importance of pediatric dispensary in social pediatrics (Ser))

BANKO, V.P.; DEMIDOVA, L.A.; ILYUSHIN, M.A.; KONDRASHKIN, Ye.P., kand. tekhn.nauk; MIKHOVICH, R.A.; PLATNIKOVA, G.R.; POROKHIN, A.A., kand. tekhn.nauk; BUMYANTSEVA, O.M.; TEMKINA, R.Z., kand.tekhn.nauk; TIKHONOV, N.F.; SHVARTSMAN, G.M., kand.tekhn.nauk; SHEYDIN, I.A., kand.tekhn.nauk; SMIRNOV, A.V., red.; VOLOKHONSKAYA, L.V., red. izd-va; BACHURINA, A.M., tekhn.red.

[Veneer's handbook] Spravochnik fanershchika. Vol.2. 1959.
333 p. (MIRA 13:3)

1. TSentral'nyy nauchno-issledovatel'skiy institut fanery i mebeli.
(Veneers and veneering)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200034-6

PLATNIKOV, Krustiu

Landing crafts. Nauka i tekhnika 1977, no. 5:16-17, 24 May 1977.

LEONOVICH, N., polkovnik; PLATNOV, M., polkovnik

Communication must operate around the clock. Voen. vest. 43
no.9197-98 S '63. (MIRA 16:10)

(Communications, Military)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200034-6

PLATNER, H. (Sibiu)

Does the water salinity influence the area of distribution of
Libellulidae? Natura Biologica 16 no.2.87. K. Dr. J. P. 64.

MINAEV, P.

"The First National Economic Council of the Soviet Union,"
"Principles of Economic Management in the Soviet Union,"
in the second half of 1950s.

1954-1955, 2nd ed., Tashkent, Vol. 1, No. 5, 1955

Initial List of First Chairmen of District Commissions (AI), Ministry of Finance,
Vol. 1, No. 1, August, 1958.

Revised List

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200034-6

PLATKOVSKIY, V.

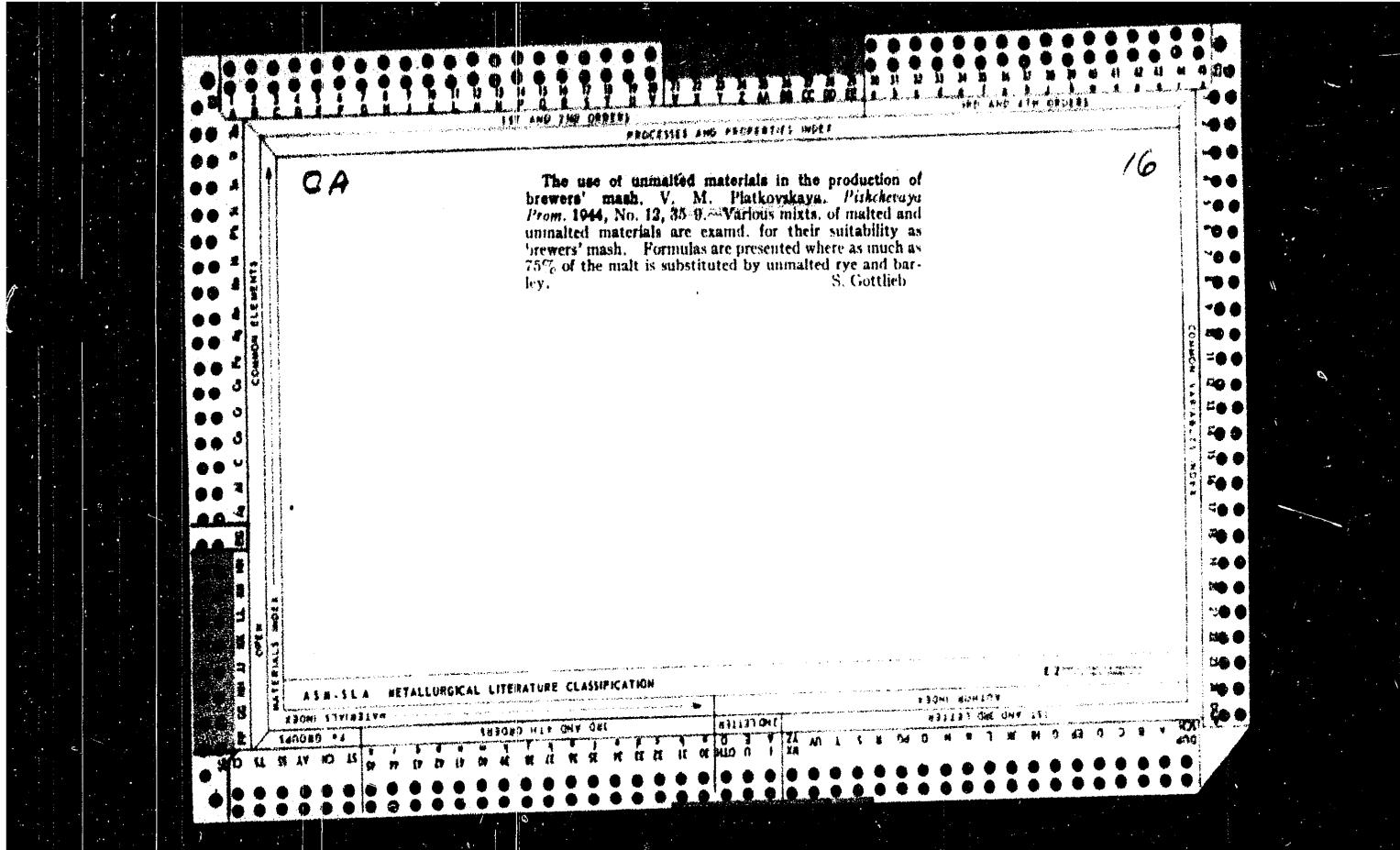
The militant spirit of political propaganda. Komm.Vooruzh.Sil 1
no.6:20-25 Mr '61. (MIRA 14:8)
(Russia--Armed Forces--Political activity)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200034-6

PLATKOVSKIY, V.

Marxist-Leninist ideology is a powerful weapon in the struggle for
communism. Komm. Voorum. 311, no. 14, 13-22 JI '68. (MIRA 179)

The application of copper alcoholates of polyatomic alcohols in the detection and determination of reducing sugars. V. M. Platkovskaya and T. I. Vekhoto. J. Applied Chem. (U. S. S. R.) 9, 177-81 (in English 191) (1939). Alk. Cu glycerolate or mannitolate solns. can replace Fehling soln. for the detection and detn. of reducing sugars. Reagents: (1) 18.4 g. glycerol and 40 g. NaOH made up to 250 cc. with H₂O; (2) 18.6 g. mannitol and 40 g. NaOH made up to 250 cc.; (3) 5% CuSO₄ in H₂O.



PLATKOVSKAYA, V.M., kandidat biologicheskikh nauk.

[Production of fruit and berry juices and extracts] Proizvodstvo plodо-
iagodnykh sokov i ekstraktov. Moskva, Gизлегпishчепром, 1953. 77 p.

(MLRA 7:1)
(Fruit juices) (Berries)